



E. TRAIL CORRIDOR PRIORITIZATION

Summary of Trail Corridor Costs
Criteria for Establishing Trail Priorities
Trail Prioritization

Trail Corridor Costs

The estimate cost for each trail corridor is shown on this page. At a conceptual and preliminary planning level such as is contained in this trails master plan, costs per mile of trail are estimated to range from \$300,000 to \$750,000 per mile. These costs include swale crossings, trail surfacing in either asphalt or concrete, and some trail amenities such as signs, parking and water fountains. Property acquisition can vary significantly from one portion of the city to another, and is not included in the per-mile cost because of this.

Major Trail Segments - Estimated Cost Range			
Trail Segment		Approximate Length	Estimated Cost Range
Completion of Brushy Creek Corridor throughout the city		5 to 7 miles +/-	\$4 to \$6 million
Dell to Clay Madsen Trail Upgrade		1.5 miles +/-	\$0.5 to \$0.75 million
Brushy Creek to Old Settlers Park connection		0.7 miles +/-	\$0.6 to \$0.85 million
Chandler Creek Trail from Old Settlers Park to Henry McNeil Park		5 miles +/-	\$4 to \$5 million
Onion Branch Trail from Brushy Creek to The Woods Park		2.0 miles +/-	\$1.5 to \$2 million
McNeil Road Trail		1.75 miles +/-	\$1.5 to \$2.0 million
Chandler Creek to HEC Campus		2 miles +/-	\$1.5 to \$2.5 million
Chandler Creek to TeraVista		2.5 miles +/-	\$1.5 to \$2.0 million
TOTAL ESTIMATED LENGTH		19 TO 23 MILES	

Corridor Prioritization Timeframes

Following the scoring system, all trails were categorized as High, Medium, or Long-Term Priority. While trail segments are ranked to give an indication as to their usefulness and qualities, other segments may be initiated out of sequence if unique funding or acquisition opportunities arise.

High Priority

Projects that received the most points are meant for short-term project implementation – they are targeted to be started, or even completed, within the next five years. Based on the selected criteria, the high priority projects for Round Rock are:

- Entire Brushy Creek Corridor
- Chandler Creek from Brushy Creek East Trail to Jester Farms
- Lake Creek Corridor from Brushy Creek to Round Rock West Greenbelt
- Dell to Clay Madsen Center
- A.W. Grimes Boulevard trail connection from Lake Creek to Brushy Creek
- Turtle Creek Trails

Medium Priority

These are mid-term projects that are planned for implementation in six to ten years. They add to and complement the first set of completed projects:

- Chandler Creek from Jester Farms to Henry McNeil Park
- Lake Creek Corridor from Shadow Brook Neighborhood to Northwest Austin
- Northwest Corridor connection from Chandler Creek to Tera Vista Subdivision
- Clay Madsen Center to Lake Creek

Long-Term Priority

These trail segments are longer running projects, which are recommended for implementation between ten and fifteen years from plan adoption, and might even take twenty years to complete. Most of these projects either depend on other trail segments being completed first, take longer to fund or rely on currently open matters such as land acquisition or funding to be resolved before they can be targeted. The following projects in Round Rock are long-term:

- McNeil Creek Corridor (far northeast portion of the city)
- Northwest Trail Corridors including Onion Creek and Wyoming Springs Drive trails

Trail Corridor Prioritization

All suggested trail projects, which were introduced in the prior segment, were ranked on a scoring system based on different criteria:

- *Connectivity*
- *Possible Use:*
- *Ease of Construction*
- *Scenic quality:*
- *Public Demand*

A description of the ranking under each element used to rank potential trail corridors follows:

- Availability of Corridor – is corridor already in public or semi-public control, or will right of way or easement have to be purchased?
 - Public control – 3 points
 - Privately owned but undeveloped – 2 points
 - Privately owned and developed, but accessible corridor appears available – 1 point
 - Privately owned and developed, accessible corridor generally not available, or significant blockages along corridor – no points
- Connectivity: Points for each important destination reached by a trail segment.
 - Schools (1 point for each)
 - Parks (1 point for each)
 - Community Facilities (2 points for each)
 - Other existing or proposed trails (1 point for each)
 - Commercial area
- Potential User Demand: Points for locations along or route of a trail segment that makes it more likely to receive higher usage (based on population within one half mile of trail) – 1 to 3 points
- Ease of Construction: Points for trail segments that are inexpensive or unproblematic to build, can be part of an already targeted or started construction effort or that can be built using existing city supplies or assets.
 - Relatively flat areas for trail – 1 point
 - Trail alignment free of frequent flooding – 1 point
- Scenic quality: Points for trail segments with aesthetic value, riparian or scenic little interference from other traffic and few intersections.
 - High quality riparian area – 3 points
 - Wide scenic corridor but less vegetated – 2 points
 - Narrow corridor with interesting features – 1 point
 - Little scenic quality – no points
- Public Demand: Points for trails that are in high demand and strongly supported by the citizens, or are in areas where no opposition is expected.

Brushy Creek Corridor Evaluation														
Trail Rating Factors		Schools	Parks	Community Centers	Other Trails	Total Points (Max. 8)	Possible Use (0-5)	Use Remarks	Ease of Construction	Scenic Quality (0-5)	Public Demand (0-3)	Total Points	Priority Rating	Remarks
Trail														
Brushy Creek East to Memorial Park	BC-1	2	3	0	3	8	5	major spine and regional trail	3	5	3	24	High	key regional trail
Brushy Creek - Memorial Park to Creekbend	BC-2	1	3	1	2	7	3	major spine and regional trail	3	5	2	20	High	key regional trail - significant difficulty getting access to creek corridor
Brushy Creek - Creekbend to Brushy Creek West Trail	BC-3	2	1	0	2	5	4	major spine and regional trail	4	5	2	20	High	major regional trail, potential participation by MUD

Chandler Creek Corridor Evaluation														
Trail Rating Factors		Schools	Parks	Community Centers	Other Trails	Total Points (Max. 8)	Possible Use (0-5)	Use Remarks	Ease of Construction	Scenic Quality (0-5)	Public Demand (0-3)	Total Points	Priority Rating	Remarks
Trail Segment														
From Brushy Creek East to Old Settlers Park	CC-1	0	3	2	3	8	5	major spine trail	3	4	3	23	Very High	key regional trail - below grade crossing of Hwy 79 required
from Old Settlers Park to Jester Farms Park	CC-2	3	2	0	2	7	4	major spine trail	5	4	1	21	High	key regional trail - significant difficulty in acquiring access
From Jester Farms to Henry McNeil Park	CC-3	0	4	0	2	6	2	major spine trail	5	5	1	19	Medium	

Lake Creek Corridor Evaluation															
Trail Rating Factors			Schools	Parks	Community Centers	Other Trails	Total Points (Max.	Possible Use (0-5)	Use Remarks	Ease of	Scenic Quality (0-5)	Public Demand (0-		Priority Rating	Remarks
Trail															
From Brushy Creek to IH 35 and McNeil Road	LC-1	0	3	2	3	8	5	major spine trail	3	4	3	23	High	key regional trail - below grade crossing of Hwy 79 required	
From IH 35 to RR West Greenbelt along Lake Creek	LC-2	2	3	1	2	8	5	major spine trail	2	3	2	20	High	Includes crossing under IH 35 which is difficult	
From Shadow Brook Neighborhood to NW Austin	LC-3	1	3	1	1	6	3	major spine trail	2	2	1	14	Medium	Narrow available corridor along McNeil Road	

Northeast Trail Corridors Evaluation														
Trail Rating Factors		Schools	Parks	Community Centers	Other Trails	Total Points (Max.	Possible Use (0-5)	Use Remarks	Ease of	Scenic Quality (0-5)	Public Demand (0-		Priority Rating	Remarks
Trail														
McNeil Creek Corridor (far northeast portion of city)		0	3	2	1	6	4	neighborhood connection	4	3	1	18	Long Range	as development occurs, developer installed
Chandler Creek to HEC Campus		3	2	2	3	8	4	long range connection to campus	4	4	1	21	Medium	Connections to campus as it develops are important
Chandler Creek to TeraVista		3	2	2	1	8	4	neighborhood connection	2	3	3	20	Medium	Some street sidewalk portions required

City of Round Rock - Northwest Trail Corridors Evaluation														
Trail Rating Factors		Schools	Parks	Community Centers	Other Trails	Total Points (Max.)	Possible Use (0-5)	Use Remarks	Ease of	Scenic Quality (0-5)	Public Demand (0-5)		Priority Rating	Remarks
Trail														
Onion Creek trails	NW-1	0	3	2	1	6	4	neighborhood connection	3	3	1	17	Long Range	
Wyoming Springs trails	NW-2	1	2	2	1	6	4	neighborhood connection	3	3	1	17	Long Range	Connection to MUD trail to Lake Georgetown

Southeast Trail Corridors Evaluation														
Trail Rating Factors		Schools	Parks	Community Centers	Other Trails	Total Points (Max.)	Possible Use (0-5)	Use Remarks	Ease of	Scenic Quality (0-5)	Public Demand (0-5)		Priority Rating	Remarks
Trail														
Dell to Clay Madsen Center	SE-1	0	3	2	1	6	4	connection to major employer	5	3	3	21	High	Upgrade of existing trail corridor
AW Grimes trail connection to Lake Creek and Brushy Creek	SE-2	2	3	1	2	8	4	neighborhood connection	2	3	2	19	High	Already programmed and funded
Clay Madsen Center to Lake Creek	SE-3	1	3	1	2	7	4	Key connection to Recreation Center	2	3	3	19	Medium	key connection
Turtle Creek Trails	SE-4	1	3	1	2	7	3	neighborhood connection	4	3	2	19	High	May be included in current development
Sonoma/Lake Forest connections to Brushy Creek	SE-5	2	2	1	1	6	3	neighborhood connection	3	4	3	19	N/A	currently being built by developers of area